



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of:

Zhang *et al.*

Appl. No.: 09/849,537

Filed: May 7, 2001

For: **Die-Up Ball Grid Array Package  
with a Heat Spreader and Method  
for Making the Same**

Confirmation No.: 7984

Art Unit: 2822

Examiner: Lewis, Monica

Atty. Docket: 1875.0370000

**Reply To Restriction Requirement and Election of Species**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated **April 21, 2004** (PTO Prosecution File Wrapper Paper No. 04142004), Applicant submits the following Reply to Restriction Requirement, Election of Species, and Remarks. This document is provided in the following format:

- (A) Each section begins on a separate sheet;
- (B) Starting on a separate sheet, amendments to the specification by presenting replacement paragraphs marked up to show changes made;
- (C) Starting on a separate sheet, a complete listing of all of the claims:
  - in ascending order;
  - with status identifiers; and
  - with markings in the currently amended claims;
- (D) Starting on a separate sheet, the Remarks.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent

abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.

***Election***

In response to the Restriction Requirement listing Embodiments I, II, and III,  
Applicants elect without traverse to prosecute the claims 13, 16, 17, and 52-59 of  
Embodiment II.



Robert Greene Sterne  
Edward J. Kessler  
Jorge A. Goldstein  
David K.S. Comwell  
Robert W. Esmond  
Tracy-Gene G. Durkin  
Michele A. Cimbalà  
Michael B. Ray  
Robert E. Sokohl  
Eric K. Steffe  
Michael Q. Lee  
Steven R. Ludwig  
John M. Covert  
Linda E. Alcorn  
Robert C. Millonig  
Donald J. Featherstone  
Lawrence B. Bugaisky  
Michael V. Messinger

Judith U. Kim  
Timothy J. Shea, Jr.  
Patrick E. Garrett  
Heidi L. Kraus  
Edward W. Yee  
Albert L. Ferro\*  
Donald R. Banowitz  
Peter A. Jackman  
Teresa U. Medler  
Jeffrey S. Weaver  
Kendrick P. Patterson  
Vincent L. Capuano  
Eldora Ellison Floyd  
Thomas C. Fiala  
Brian J. Del Buono  
Virgil Lee Beaton  
Kimberly N. Reddick  
Theodore A. Wood

Elizabeth J. Haanes  
Joseph S. Ostroff  
Frank R. Cottingham  
Christine M. Uhlier  
Rae Lynn Prengaman  
Jane Shershenovich\*  
George S. Bardmesser  
Daniel A. Klein\*  
Jason D. Eisenberg  
Michael D. Specht  
Andrea J. Kamage  
Tracy L. Muller\*  
LuAnne M. DeSantis  
John J. Figueroa  
Ann E. Summerfield  
Tiera S. Coston  
Aric W. Ledford\*  
Jessica L. Parezo

Timothy A. Doyle\*  
Gaby L. Longsworth\*  
Nicole D. Oretar\*  
Ted J. Ebersole  
Jyoti C. Iyer\*  
Registered Patent Agents\*  
Karen R. Markowicz  
Nancy J. Leith  
Helene C. Carlson  
Matthew J. Dowd  
Aaron L. Schwartz  
Katrina Y. Pei Quach  
Bryan L. Skelton  
Robert A. Schwartzman  
Teresa A. Colella  
Jeffrey S. Lundgren  
Victoria S. Rutherford

Eric D. Hayes  
Michelle K. Holoubek  
Robert H. DeSelms  
Simon J. Elliott  
Julie A. Heider  
Mita Mukherjee  
Scott M. Woodhouse

Of Counsel  
Kenneth C. Bass III  
Evan R. Smith  
Marvin C. Guthrie

\*Admitted only in Maryland  
\*Admitted only in Virginia  
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Federal Agencies

May 21, 2004

WRITER'S DIRECT NUMBER:  
(202) 772-8831

INTERNET ADDRESS:  
JWEAVER@SKGF.COM

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Art Unit 2822

Re: U.S. Utility Patent Application  
Application No. 09/849,537; Filed: May 7, 2001  
For: **Die-Up Ball Grid Array Package with a Heat Spreader and Method  
for Making the Same**  
Inventors: Zhang *et al.*  
Our Ref: 1875.0370000

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Reply to Restriction Requirement and Election of Species; and
2. Return postcard.

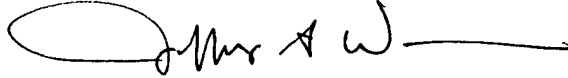
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents  
May 21, 2004  
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The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in dark ink, appearing to read "Jeffrey S. Weaver", with a long horizontal flourish extending to the right.

Jeffrey S. Weaver  
Attorney for Applicants  
Registration No. 45,608

JSW/asl  
Enclosures

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